

# 24

RETURN WITH BID

Proposal Submitted By

Name

Address

City

Letting March 5, 2004

## NOTICE TO PROSPECTIVE BIDDERS

This proposal can be used for bidding purposes by only those companies that request and receive written AUTHORIZATION TO BID from IDOT's Central Bureau of Construction.

(SEE INSTRUCTIONS ON THE INSIDE OF COVER)

# Notice To Bidders, Specifications, Proposal, Contract and Contract Bond



Illinois Department  
of Transportation

Springfield, Illinois 62764

Contract No. 64967

HENRY County

Section D-2 WETLAND MAINTENANCE 2004

Route FAP 585

District 2 Construction Funds

PLEASE MARK THE APPROPRIATE BOX BELOW:

- ☐ A Bid Bond is included.
- ☐ A Cashier's Check or a Certified Check is included.

Plans Included  
Herein

Prepared by

S

Checked by

(Printed by authority of the State of Illinois)

BIDDERS NEED NOT RETURN THE ENTIRE PROPOSAL  
(See instructions inside front cover)

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF PRICES**

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02/11/2004

**CONTRACT  
NUMBER -**

**64967**

**State Job # - C-92-017-04**

**PPS NBR - 2-01200-0110**

**Project Number**

**Route**

**County Name - HENRY - -**

**FAP 585**

**Code - 73 - -**

**District - 2 - -**

**Section Number - D2 WETLAND MAINT. 2004**

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
K0028250	NON-SELECT HERBICIDE	ACRE	19.000				
K1005884	TREE TRK PRED PROTECT	EACH	1,800.000				
X0323335	TREE SHELTER REPLACE	EACH	500.000				
X0329841	TREE SHELTER REPAIR	EACH	500.000				
X0329842	TREE SHELTER STAKE REPL	EACH	500.000				
25000750	MOWING	ACRE	120.000				
67100100	MOBILIZATION	L SUM	1.000				

INDEX  
FOR  
SUPPLEMENTAL SPECIFICATIONS  
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2004

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS and frequently used RECURRING SPECIAL PROVISIONS.

ERRATA     Standard Specifications for Road and Bridge Construction  
              (Adopted 1-1-02) (Revised 1-1-04)

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## **STATE OF ILLINOIS**

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### **SPECIAL PROVISIONS**

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2002, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of: FAP Route 585, Section D-2 Wetland Maintenance 2004, Henry County, Contact 64967, and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

#### **LOCATION OF PROJECT**

Joslin Wetland is located at the southeast corner of Illinois Route 92 and the Rock River Bridge.

#### **DESCRIPTION OF PROJECT**

Mowing, herbicide spraying, tree shelter, and trunk wrap repairs to existing wetland trees.

#### **TRAFFIC CONTROL PLAN**

Effective January 14, 1999

Traffic Control shall be according to the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the National Manual on Uniform Traffic Control Devices for Streets and Highways, Illinois Supplement to the National Manual on Uniform Traffic Control Devices, these special provisions, and any special details and Highway Standards contained herein and in the plans.

The work on this project will not encroach on highway right-of-way. No traffic control shall be required.

## **MOWING**

This work shall consist of providing the necessary personnel and equipment to mechanically mow vegetation around the twelve (12) acres of existing trees. This acreage excludes three 1-acre strips on the site as designated by the Engineer that are not to be mowed in order to establish natural vegetation. The area shall be mowed to a height of four (4) inches or less. Mowing shall begin when the vegetation is actively growing and reaches a height between eighteen (18) and twenty four (24) inches. The Contractor shall be notified ten (10) working days prior to starting work. It is anticipated that eleven (11) mowings shall be required. The following anticipated mowing schedule will be dependent on the weather and direction of the Engineer:

May, June, July, August, 2004 – 2 mowings each month.  
September, 2004 – 1 mowing  
October, 2004 – 1 mowing

### Method of Measurement

The mowing shall be measured in acres for mechanically mowing existing vegetation.

### Basis of Payment

The mowing shall be paid for at the contract unit price per Acre for MOWING.

## **HERBICIDE**

This work shall consist of providing the necessary personnel and equipment to apply a non-residual, nonselective, herbicide (glyphosate) with an active ingredient of 53.8% (such as Rodeo) at the rate of two (2) quarts of herbicide and two (2) quarts of a nonionic surfactant with an active ingredient of at least 50% with 100 gallons of water per acre.

The planted rows will be sprayed six (6) feet wide.

May, 2004 – 1 spray application  
August, 2004 – 1 spray application  
September, 2004 – 1 spray application

### Method of Measurement

The non-selective herbicide application shall be measured in acres for furnishing and applying the non-selective herbicide.

### Basis of Payment

The non-selective herbicide application shall be paid for at the contract unit price per Acre for NON-SELECTIVE HERBICIDE APPLICATION.

### **TREE SHELTER REPAIR**

This work shall consist of providing the necessary personnel and equipment to reinstall the existing four (4) foot polypropylene tree shelters that have been washed away from the trees due to flooding or are leaning due to windy conditions. The shelters shall be seated approximately one (1) inch below the ground surface. The Contractor shall not be required to provide new shelters. It is anticipated that approximately 500 tree shelters will need to be reinstalled on live trees only. The following schedule will be dependent upon the weather:

April, 2004 – reinstall tree shelters as needed not to exceed 500 unless authorized in writing by the Engineer.

#### Method of Measurement

The tree shelter repair shall be measured for each shelter that is reinstalled.

#### Basis of Payment

The tree shelter repair shall be paid for at the contract unit price per Each for TREE SHELTER REPAIR.

### **TREE SHELTER STAKE REPLACEMENT**

This work shall consist of providing the necessary personnel and equipment to replace damaged tree shelter stakes. It is anticipated that approximately 500 stakes will have to be replaced. The replacement stakes shall be 3 feet long, 1" x 1" square, and pencil pointed for easy driving. They shall be kiln dried, furniture-grade heartwood white oak. The nylon ratchet-locking ties shall be provided by the Contractor. The following schedule will be dependent upon the weather:

May, 2004 – replace damaged tree stakes as needed not to exceed 500 unless authorized in writing by the Engineer.

#### Method of Measurement

The tree shelter repair shall be measured for each shelter that is reinstalled.

#### Basis of Payment

The tree shelter repair shall be paid for at the contract unit price per Each for TREE SHELTER REPAIR.



## **TREE SHELTER REPLACEMENT**

This work shall consist of providing the necessary personnel and equipment to replace damaged or missing tree shelters. It is anticipated that approximately 500 tree shelters will have to be replaced throughout the seedling sites. the following schedule will be dependent upon the weather:

May, 2004 – Replace damaged or missing tree shelters as needed not to exceed 500 unless authorized in writing by the Engineer.

Tree Shelters. Tree shelters and stakes shall be a product manufactured specifically for the intended purpose of tree protection. Tree shelters shall be at least four feet in length and constructed from a translucent copolymer polypropylene material not greater than 7 mils in thickness and capable of withstanding photodegradation for five years in environmental and climatic conditions similar to those in the locality of the project. Shelters shall be cylindrical and at least 3 inches in diameter. (Tree shelters manufactured by Treessentials Company, Riverview Station, Box 7097, St. Paul, MN 55107 are an example of a product meeting these specifications.)

### Method of Measurement

The tree shelter replacement shall be measured for each new tree shelter installed.

### Basis of Payment

The tree shelter replacement shall be paid for at the contract unit price per Each for TREE SHELTER REPLACEMENT.

## **TREE TRUNK PREDATOR PROTECTION REPAIR**

This work shall consist of providing the necessary personnel and equipment to remove the existing damaged predator protection and replacing it from the ground line to a height of 3 feet with a one-half inch square mesh, galvanized, steel wire with a minimum gauge of 19 (poultry netting) at a diameter of 14 inches measured from the center of the trunk with a 4-inch overlap. The screen wire shall be secured with a minimum of four steel staples (hog rings).

The existing damaged trunk protection consists of the same material and dimensions.

May, June, and July, 2004 – remove and replace damaged predator protection as needed not to exceed 500 unless authorized in writing by the Engineer.

### Method of Measurement

The tree trunk predator repair will be measured for each new trunk wrap that is installed.

### Basis of Payment

The tree trunk predator protection repair will be paid for at the contract unit price per Each for TREE TRUNK PREDATOR PROTECTION REPAIR.

## **LICENSES**

Effective November 2, 1993

Prior to starting work, the Contractor shall furnish to the Resident Engineer visual proof that all personnel on the job are properly licensed by the Illinois Department of Agriculture under the provisions of the Illinois Custom or Public Applications of Pesticides Act. The Resident Engineer shall record in the project records book the names and license number of each person.

## **COMPLETION DATE**

This Contractor shall perform his work in such a manner that the project is completed on October 31, 2004.

## **FLAGGER VESTS (BDE)**

Effective: April 1, 2003

Revise the first sentence of Article 701.04(c)(1) of the Standard Specifications to read:

“The flagger shall be stationed to the satisfaction of the Engineer and be equipped with a fluorescent orange, fluorescent yellow/green or a combination of fluorescent orange and fluorescent yellow/green vest meeting the requirements of the American National Standards Institute specification ANSI/ISEA 107-1999 for Conspicuity Class 2 garments and approved flagger traffic control signs conforming to Standard 702001 and Article 702.05(e).”

Revise Article 701.04(c)(6) of the Standard Specifications to read:

“(6) Nighttime Flagging. The flagger station shall be lit by additional overhead lighting other than streetlights. The flagger shall be equipped with a fluorescent orange or fluorescent orange and fluorescent yellow/green garment meeting the requirements of the American National Standards Institute specification ANSI/ISEA 107-1999 for Conspicuity Class 2 garments.”

80101

## **PARTIAL PAYMENTS (BDE)**

Effective: September 1, 2003

Revise Article 109.07 of the Standard Specifications to read:

**“109.07 Partial Payments.** Partial payments will be made as follows:

- (a) Progress Payments. At least once each month, the Engineer will make a written estimate of the amount of work performed in accordance with the contract, and the value thereof at the contract unit prices. The amount of the estimate approved as due for payment will be vouchered by the Department and presented to the State Comptroller for payment. No amount less than \$1000.00 will be approved for payment other than the final payment.

The failure to perform any requirement, obligation, or term of the contract by the Contractor shall be reason for withholding any progress payments until the Department determines that compliance has been achieved. Furthermore, progress payments may be reduced by liens filed pursuant to Section 23(c) of the Mechanics Lien Act, 770 ILCS 60/23(c).

- (b) Material Allowances. At the discretion of the Department, payment may be made for materials, prior to their use in the work, when satisfactory evidence is presented by the Contractor. Satisfactory evidence includes justification for the allowance (to expedite the work, meet project schedules, regional or national material shortages, etc.), documentation of material and transportation costs, and evidence that such material is properly stored on the project or at a secure location acceptable and accessible to the Department.

Material allowances will be considered only for nonperishable materials when the cost, including transportation, exceeds \$10,000 and such materials are not expected to be utilized within 60 days of the request for the allowance. For contracts valued under \$500,000, the minimum \$10,000 requirement may be met by combining the principal (material) product of no more than two contract items. An exception to this two item limitation may be considered for any contract regardless of value for items in which material (products) are similar except for type and/or size.

Material allowances shall not exceed the value of the contract items in which used and shall not include the cost of installation or related markups. Amounts paid by the Department for material allowances will be deducted from estimates due the Contractor as the material is used. Two-sided copies of the Contractor's cancelled checks for materials and transportation must be furnished to the Department within 60 days of payment of the allowances or the amounts will be reclaimed by the Department.”

80116

## **PAYMENTS TO SUBCONTRACTORS (BDE)**

Effective: June 1, 2000

Revised: September 1, 2003

Federal regulations found at 49 CFR §26.29 mandate the Department to establish a contract clause to require Contractors to pay subcontractors for satisfactory performance of their subcontracts no later than 30 days from the receipt of each payment made to the Contractor.

State law addresses the timing of payments to be made to subcontractors. Section 7 of the Prompt Payment Act, 30 ILCS 540/7, generally requires that when a Contractor receives any payment from the Department, the Contractor is required to make corresponding, proportional payments to each subcontractor performing work within 15 calendar days after receipt of the state payment. Section 7 of the State Prompt Payment Act further provides that interest in the amount of 2% per month, in addition to the payment due, shall be paid to any subcontractor by the Contractor if the payment required by the Act is withheld or delayed without reasonable cause. The Act also provides that the time for payment required and the calculation of any interest due applies to transactions between subcontractors and lower-tier subcontractors throughout the contracting chain.

This Special Provision establishes the required federal contract clause, and adopts the 15 calendar day requirement of the Act for purposes of compliance with the federal regulation regarding payments to subcontractors. This contract is subject to the following payment obligations.

As progress payments are made to the Contractor in accordance with Article 109.07 of the Standard Specifications for Road and Bridge Construction, the Contractor shall make a corresponding partial payment within 15 calendar days to each subcontractor in proportion to the work satisfactorily completed by each subcontractor. The proportionate amount of partial payment due to each subcontractor shall be determined by the quantities measured or otherwise determined as eligible for payment by the Department and included in the progress payment to the Contractor. Subcontractors shall be paid in full within 15 calendar days after the subcontractor's work has been satisfactorily completed. The Contractor shall hold no retainage from the subcontractors.

This Special Provision does not create any rights in favor of any subcontractor against the State of Illinois or authorize any cause of action against the State of Illinois on account of any payment, nonpayment, delayed payment or interest claimed by application of the State Prompt Payment Act. The Department will neither determine the reasonableness of any cause for delay of payment nor enforce any claim to payment, including interest. Moreover, the Department will not approve any delay or postponement of the 15 day requirement. State law creates remedies available to any subcontractor or material supplier, regardless of tier, who has not been paid for work properly performed or material furnished. These remedies are a lien against public funds set forth in Section 23(c) of the Mechanics Lien Act, 770 ILCS 60/23(c), and a recovery on the Contractor's payment bond in accordance with the Public Construction Bond Act, 30 ILCS 550.

80022

## **TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE)**

Effective: April 1, 1992

Revised: January 1, 2003

To ensure a prompt response to incidents involving the integrity of work zone traffic control, the Contractor shall provide a telephone number where a responsible individual can be contacted 24 hours-a-day.

When the Engineer is notified, or determines a traffic control deficiency exists, he/she will notify and direct the Contractor to correct the deficiency within a specified time. The specified time, which begins upon notification to the Contractor, will be from ½ hour to 12 hours based upon the urgency of the situation and the nature of the deficiency. The Engineer shall be the sole judge.

The deficiency may be any lack of repair, maintenance or non-compliance with the traffic control plan.

If the Contractor fails to correct the deficiency within the specified time, a daily monetary deduction will be imposed for each calendar day or fraction thereof the deficiency exists. The calendar day(s) will begin with notification to the Contractor and end with the Engineer's acceptance of the correction. The daily monetary deduction will be either \$1,000 or 0.05 percent of the awarded contract value, whichever is greater.

In addition, if the Contractor fails to respond, the Engineer may correct the deficiency and the cost thereof will be deducted from monies due or which may become due the Contractor. This corrective action will in no way relieve the Contractor of his/her contractual requirements or responsibilities.

57291

## **WORK ZONE TRAFFIC CONTROL DEVICES (BDE)**

Effective: January 1, 2003

Revised: April 1, 2003

Add the following to Article 702.01 of the Standard Specifications:

“All devices and combinations of devices shall meet the requirements of the National Cooperative Highway Research Program (NCHRP) Report 350 for their respective categories. The categories are as follows:

Category 1 includes small, lightweight, channelizing and delineating devices that have been in common use for many years and are known to be crashworthy by crash testing of similar devices or years of demonstrable safe performance. These include cones, tubular markers, flexible delineators and plastic drums with no attachments. Category 1 devices shall be crash tested and accepted or may be self-certified by the manufacturer.

Category 2 includes devices that are not expected to produce significant vehicular velocity change but may otherwise be hazardous. These include drums and vertical panels with lights, barricades and portable sign supports. Category 2 devices shall be crash tested and accepted for Test Level 3.

Category 3 includes devices that are expected to cause significant velocity changes or other potentially harmful reactions to impacting vehicles. These include crash cushions, truck mounted attenuators and other devices not meeting the definitions of Category 1 or 2. Category 3 devices shall be crash tested and accepted for Test Level 3.

Category 4 includes portable or trailer-mounted devices such as arrow boards, changeable message signs, temporary traffic signals and area lighting supports. Currently, there is no implementation date set for this category and it is exempt from the NCHRP 350 compliance requirement.

The Contractor shall provide a manufacturer's self-certification letter for each Category 1 device and an FHWA acceptance letter for each Category 2 and Category 3 device used on the contract. The letters shall state the device meets the NCHRP 350 requirements for its respective category and test level, and shall include a detail drawing of the device.”

Delete the third, fourth and fifth paragraphs of Article 702.03(b) of the Standard Specifications.

Delete the third sentence of the first paragraph of Article 702.03(c) of the Standard Specifications.

Delete the fourth paragraph of Article 702.05(a) of the Standard Specifications.

Revise the sixth paragraph of Article 702.05(a) of the Standard Specifications to read:

“When the work operations exceed four days, all signs shall be post mounted unless the signs are located on the pavement or define a moving or intermittent operation. When approved by the Engineer, a temporary sign stand may be used to support a sign at 1.2 m (5 ft) minimum where posts are impractical. Longitudinal dimensions shown on the plans for the placement of signs may be increased up to 30 m (100 ft) to avoid obstacles, hazards or to improve sight distance, when approved by the Engineer. “ROAD CONSTRUCTION AHEAD” signs will also be required on side roads located within the limits of the mainline “ROAD CONSTRUCTION AHEAD” signs.”

Delete all references to “Type 1A barricades” and “wing barricades” throughout Section 702 of the Standard Specifications.

80097

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
PLANS FOR PROPOSED ROADWORK

Sheet 1 of 2

C-92-017-04  
D-92-014-04

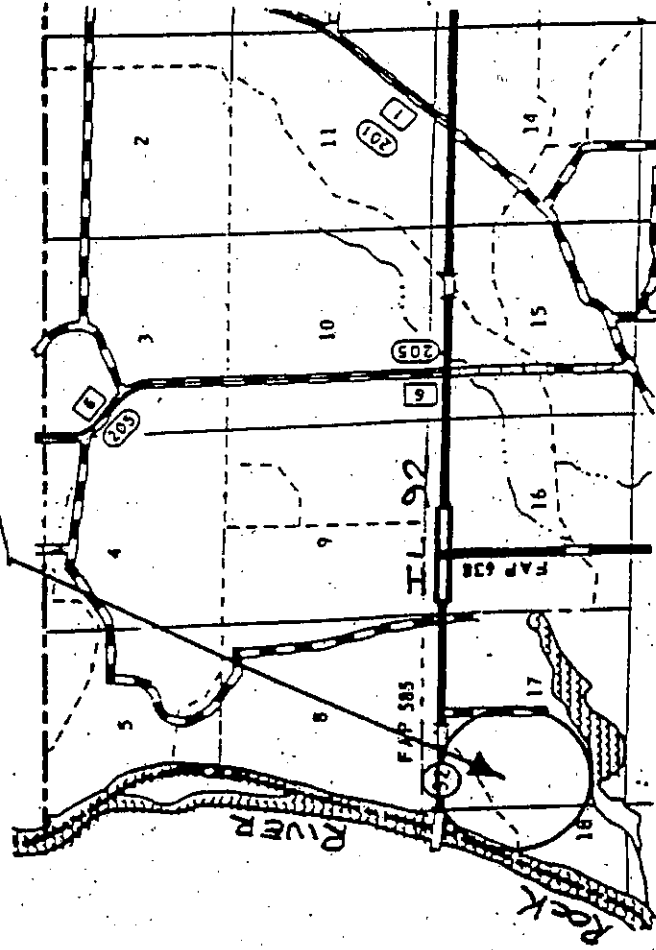
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- Summary of Quantities

**FAP 585 (IL 92)**  
**D-2 Wetland Maintenance 2004**  
**Henry County**

R3E

Location of Work



T18N

STANDARDS

- None.
- All work will be over 20 feet off of the edge of Pavement.

DISTRICT 2  
DIXON, ILLINOIS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	SUBMITTED December 19, 2003 <i>Gregory L. Mouton</i> DISTRICT ENGINEER
---	---

CONTRACT NUMBER 64967  
CALL J.U.I.E. BEFORE YOU DIG  
800-892-0123

Phenix Twp.  
Sec. 17, 18

wetland



**SUMMARY OF QUANTITIES***MAIN*  
100% State

CODE NUMBER	ITEM	UNIT	QUANTITY (RURAL)
25000750	MOWING	ACRES	120
67100100	MOBILIZATION	L. SUM	1
K0028250	NON-SELECTIVE HERBICIDE APPLICATION	ACRES	19
K1005884	TREE TRUNK PREDATOR PROTECTION	EACH	1800
X0323335	TREE SHELTER REPLACEMENT	EACH	500
X0329841	TREE SHELTER REPAIR	EACH	500
X0329842	TREE SHELTER STAKE REPLACEMENT	EACH	500